



GMP & ISO 9001 Quality System Certified Organization
MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

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CERTIFICATE OF ANALYSIS

Name of Item: tert-BUTYL ALCOHOL AR **Formula:** (CH₃)₃COH
 (tert-butanol)

M.W.: 74.12

Batch No.:

CAS NO.: 75-65-0

Cat. No.: UP0875

Date of Mfg.:

Date of Analysis:

Type of Test	Standard	Observed
Description	A clear, colorless liquid	A clear, colorless liquid
Assay (By GC)	Min 99.0%	99.80%
Wt /ml at 20°C	0.773 - 0.778 g	0.775 g
Freezing point	Not less than 25°C	26°C
Refractive index	1.384-1.386	1.384
Water	<0.5%	<0.5%
Acidity (CH ₃ COOH)	<0.003%	<0.003%
Non -volatile matter	<0.001%	<0.001%
Aldehydes & ketones (C ₃ H ₇ CHO)	<0.01%	<0.01%
Butan-2-ol [C ₄ H ₉ (OH)]	<0.2%	0.1%
Copper (Cu)	<0.00005%	0.000041%
Iron (Fe)	<0.00005%	<0.00005%
Lead (Pb)	<0.00005%	<0.00005%

Results : The above product complies with AR grade